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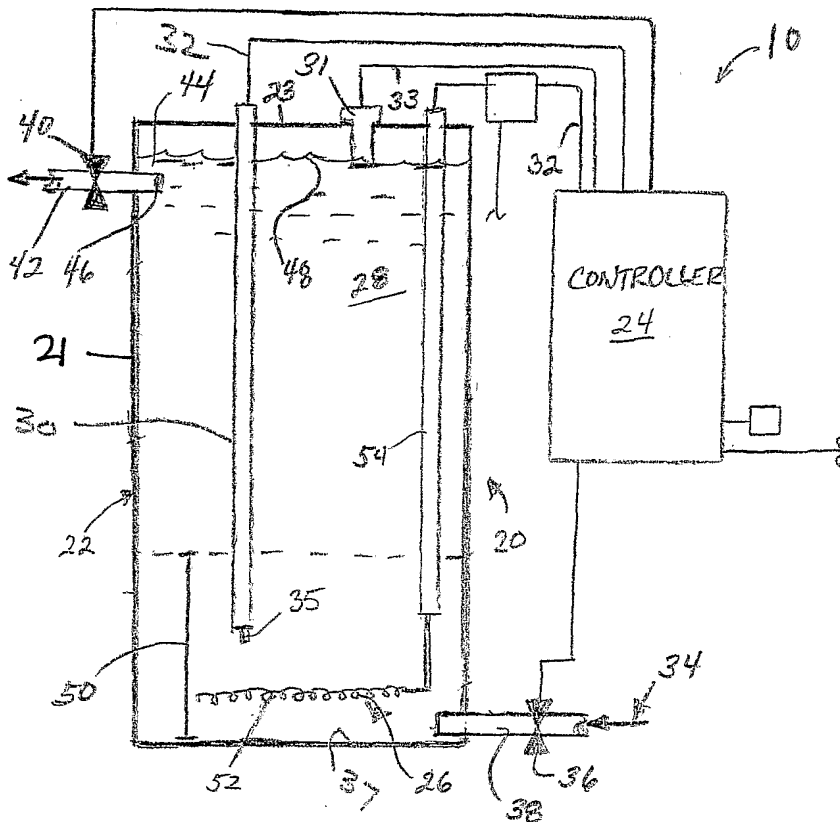
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- (54) Title:** SYSTEM, METHOD AND APPARATUS FOR HEATING WATER



(57) Abstract: Disclosed are a water heating system, a method of heating water and a water heating apparatus for use in providing successive volumes of heated water at a generally consistent temperature. In one aspect of the disclosure, a water heating system includes a reservoir for containing water, the reservoir having an inlet zone comprising a lower portion of the reservoir and an outlet zone comprising an upper portion of the reservoir. A water inlet is provided in fluid communication with a source of water and the inlet zone. A heater is positioned within the inlet zone is coupled to the reservoir. A temperature sensor is positioned within the inlet zone, and a water outlet is provided in fluid communication with the outlet zone. A controller is coupled to the heater and the temperature sensor, the controller using information from the temperature sensor to controllably operate the heater to generally maintain a desired temperature within the reservoir.



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